

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10/524,417"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:29
L2	57	TAKEDA-HIROMITSU.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:29
L3	4	YABUKI-KAYO.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:29
L4	4085	428/212.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:30
L5	1188	106/31.6.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:30
L6	2105	523/160-161.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:30
L7	3129	L5 L6	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:30
L8	7214	L4 L5 L6	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:30
L9	247	heat with ray with reflect \$3 with type	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:30
L10	4	heat adj ray adj (reflection reflecting) adj type	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:30
L11	28	L9 and (solar "solar radiation" sunlight) with (reflecting control) with (film sheet substrate)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:31
L12	26	L9 and (((visible near3 light) light sunlight) with absorb\$4 with (film sheet layer ink))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:32
L13	22	((heat adj ray) infrared (infrared adj ray)) adj (reflection reflecting) adj type	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:33

L14	39	((heat adj ray) infrared (infrared adj ray)) adj reflect\$3 adj type	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:33
L15	31669	(light "visible light") near3 absorb\$4 near3 (ink dye material)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:33
L16	12276	(light "visible light") near3 absorb\$4 near3 (ink dye)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:34
L17	9298	L16 and (azo perylene aniline carbon titanium)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:35
L18	6712	L16 and (azo perylene aniline titanium)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:35
L19	9298	L16 and (azo (perylene perylene) aniline carbon titanium)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:36
L20	6712	L16 and (azo (perylene perylene) aniline titanium)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:38
L21	2802	L18 and (particle adj (size diameter))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:38
L22	2802	L20 and (particle adj (size diameter))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:38
L23	4366	L16 and ((azo near2 dark) ((perylene aniline) near2 black) titanium)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:40
L24	2246	L23 and (particle adj (size diameter))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:40
L25	635	L16 and (((azo near2 dark) ((perylene aniline) near2 black) titanium) same (particle adj (size diameter)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:41
L26	279	L16 and (((azo near2 dark) ((perylene aniline carbon) near2 black) titanium) same ((particle adj (size diameter)) with ("nm" nanometer)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:42
L27	28	L16 and (((azo near2 dark) ((perylene aniline) near2 black) (titanium near2 (black nitride oxynitride))) same ((particle adj (size diameter)) with ("nm" nanometer)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:42

L28	16699	((((light (visible near3 light)) near5 absorb\$4) near5 (ink dye)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:43
L29	51	L28 and (((azo near3 dark) ((perylene aniline) near3 black) (titanium near3 (black nitride oxynitride))) same ((particle adj (size diameter)) with ("nm" nanometer)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:44
L30	1	L29 and L8	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:44
L31	983	L28 and ((azo near3 dark) ((perylene aniline) near3 black) (titanium near3 (black nitride oxynitride)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:45
L32	23	L31 and L8	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:45
L33	18	L32 and (particle near3 (size diameter))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:46
S1	1	"10/524,417"	US-PGPUB; USPAT	OR	ON	2007/04/26 12:23
S2	47	TAKEDA-HIROMITSU.in.	US-PGPUB; USPAT	OR	ON	2007/04/26 16:02
S3	2	YABUKI-KAYO.in.	US-PGPUB; USPAT	OR	ON	2007/04/26 12:35
S4	1	"6180025".pn.	US-PGPUB; USPAT	OR	ON	2007/04/26 12:35
S5	3005	"visible light" with absorb \$4 with (film sheet layer)	US-PGPUB; USPAT	OR	ON	2007/12/21 12:01
S6	3381	428/212.ocls.	US-PGPUB; USPAT	OR	ON	2007/04/26 16:03
S7	24	S5 and S6	US-PGPUB; USPAT	OR	ON	2007/04/26 16:03
S8	3492973	@ad< "20010821"	US-PGPUB; USPAT	OR	ON	2007/04/26 16:04
S9	12	S7 and S8	US-PGPUB; USPAT	OR	ON	2007/04/26 17:31
S10	11062	"visible light" with absorb \$4	US-PGPUB; USPAT	OR	ON	2007/04/26 17:45
S11	50	S10 and S6	US-PGPUB; USPAT	OR	ON	2007/04/26 17:45
S12	28	S8 and S11	US-PGPUB; USPAT	OR	ON	2007/04/26 17:46
S13	325	chromaticness	US-PGPUB; USPAT	OR	ON	2007/04/26 17:46

S14	21594	haze	US-PGPUB; USPAT	OR	ON	2007/04/26 17:46
S15	66564	(pigment particle) with binder	US-PGPUB; USPAT	OR	ON	2007/04/26 17:47
S17	5297	reflect\$5 with (high ten "10") with visible	US-PGPUB; USPAT	OR	ON	2007/04/26 17:49
S18	671	S10 and S17	US-PGPUB; USPAT	OR	ON	2007/04/26 17:49
S19	383	S5 and S17	US-PGPUB; USPAT	OR	ON	2007/04/26 17:49
S21	1086	(solar "solar radiation" sunlight) with (reflecting control) with film	US-PGPUB; USPAT	OR	ON	2007/04/26 17:56
S22	3381	428/212.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/27 10:32
S23	11062	"visible light" with absorb \$4	US-PGPUB; USPAT	OR	ON	2007/04/27 10:32
S24	50	S23 and S22	US-PGPUB; USPAT	OR	ON	2007/04/27 10:32
S25	325	chromaticness	US-PGPUB; USPAT	OR	ON	2007/04/27 12:09
S26	21594	haze	US-PGPUB; USPAT	OR	ON	2007/04/27 11:38
S27	66564	(pigment particle) with binder	US-PGPUB; USPAT	OR	ON	2007/04/27 11:38
S28	23	S25 and S26 and S27	US-PGPUB; USPAT	OR	ON	2007/04/27 11:38
S29	5297	reflect\$5 with (high ten "10") with visible	US-PGPUB; USPAT	OR	ON	2007/04/27 11:48
S30	15	S24 and S29	US-PGPUB; USPAT	OR	ON	2007/04/27 11:48
S31	1086	(solar "solar radiation" sunlight) with (reflecting control) with film	US-PGPUB; USPAT	OR	ON	2007/04/27 12:11
S32	33	S22 and S31	US-PGPUB; USPAT	OR	ON	2007/04/27 12:02
S33	1225	(chromaticness CIELAB) with (a* b* c*)	US-PGPUB; USPAT	OR	ON	2007/04/27 12:10
S34	2199	(visible solar "solar radiation" sunlight) with (reflecting control) with film	US-PGPUB; USPAT	OR	ON	2007/04/27 12:11
S35	1225	(chromaticness CIELAB) with (a* b* c*)	US-PGPUB; USPAT	OR	ON	2007/04/29 13:24
S36	2199	(visible solar "solar radiation" sunlight) with (reflecting control) with film	US-PGPUB; USPAT	OR	ON	2007/04/29 13:24

S37	21	S35 and S36	US-PGPUB; USPAT	OR	ON	2007/04/27 14:08
S38	173	(light with reflect\$5) and ((degree near\$5 reduction) with reflect\$5)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:11
S39	1	S35 and S38	US-PGPUB; USPAT	OR	ON	2007/04/27 14:12
S40	11224	haze and (metal metallic) and (aluminum copper silver "Al" "Cu" "Ag") and (pigment dye particle)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:19
S41	71	S35 and S40	US-PGPUB; USPAT	OR	ON	2007/04/27 14:53
S42	159	S36 and S40	US-PGPUB; USPAT	OR	ON	2007/04/27 14:15
S43	2	S38 and S40	US-PGPUB; USPAT	OR	ON	2007/04/27 14:15
S44	156	S42 not S41 not S43	US-PGPUB; USPAT	OR	ON	2007/04/27 14:15
S45	1	"4022947".pn.	US-PGPUB; USPAT	OR	ON	2007/04/27 14:18
S46	745	haze and (metal metallic) and ((aluminum with copper with silver) or ("Al" with "Cu" with "Ag")) and (pigment dye particle)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:22
S47	1	S38 and S46	US-PGPUB; USPAT	OR	ON	2007/04/27 14:22
S48	46	S36 and S46	US-PGPUB; USPAT	OR	ON	2007/04/27 14:22
S49	1	S35 and S46	US-PGPUB; USPAT	OR	ON	2007/04/27 14:53
S50	2199	(visible solar "solar radiation" sunlight) with (reflecting control) with film	US-PGPUB; USPAT	OR	ON	2007/04/29 13:24
S51	327	S50 and ink	US-PGPUB; USPAT	OR	ON	2007/12/21 12:03
S52	1804	(chromaticness chromaticity CIELAB) with (a* b* c*)	US-PGPUB; USPAT	OR	ON	2007/04/29 13:24
S53	2	S51 and S52	US-PGPUB; USPAT	OR	ON	2007/04/29 13:25
S54	3381	428/212.ocls.	US-PGPUB; USPAT	OR	ON	2007/04/29 13:25
S55	12	S51 and S54	US-PGPUB; USPAT	OR	ON	2007/04/29 14:44

S56	21831	haze "JIS K 7105"	US-PGPUB; USPAT	OR	ON	2007/04/29 14:44
S57	276	S50 and S56	US-PGPUB; USPAT	OR	ON	2007/04/29 14:44
S58	87	S51 and S56	US-PGPUB; USPAT	OR	ON	2007/04/29 14:45
S59	1	S52 and S58	US-PGPUB; USPAT	OR	ON	2007/04/29 14:45
S60	23	S50 and S52	US-PGPUB; USPAT	OR	ON	2007/04/29 14:45
S61	14	S56 and S60	US-PGPUB; USPAT	OR	ON	2007/04/29 14:45
S62	1	"10/524,417"	US-PGPUB; USPAT	OR	ON	2007/12/21 11:22
S63	55	TAKEDA-HIROMITSU.in.	US-PGPUB; USPAT	OR	ON	2007/12/21 11:22
S64	3	YABUKI-KAYO.in.	US-PGPUB; USPAT	OR	ON	2007/12/21 11:22
S65	1	"6180025".pn.	US-PGPUB; USPAT	OR	ON	2007/12/21 11:23
S66	3517	428/212.ccls.	US-PGPUB; USPAT	OR	ON	2007/12/21 11:23
S67	62631	(light "visible light") with absorb\$4 with (film sheet layer material)	US-PGPUB; USPAT	OR	ON	2007/12/21 12:02
S68	32868	S67 and (ink dye colorant pigment)	US-PGPUB; USPAT	OR	ON	2007/12/21 12:04
S69	203	S66 and S68	US-PGPUB; USPAT	OR	ON	2007/12/21 12:05
S70	3498558	@ad<"20010821"	US-PGPUB; USPAT	OR	ON	2007/12/21 12:05
S71	103	S69 and S70	US-PGPUB; USPAT	OR	ON	2007/12/21 12:05
S72	1	"10/524,417"	US-PGPUB; USPAT	OR	ON	2008/06/17 10:35
S73	55	TAKEDA-HIROMITSU.in.	US-PGPUB; USPAT	OR	ON	2008/06/17 10:35
S74	3	YABUKI-KAYO.in.	US-PGPUB; USPAT	OR	ON	2008/06/17 10:35
S75	3601	428/212.ccls.	US-PGPUB; USPAT	OR	ON	2008/06/17 13:39
S76	47848	((visible near3 light) light solar) with absorb\$4 with (laminated film sheet layer article)	US-PGPUB; USPAT	OR	ON	2008/06/17 13:40

S77	15710	((reflectiv\$5 reflect\$5) same (solar sun sunlight)) and ((reflectiv\$5 reflect\$5) same (visible light))	US-PGPUB; USPAT	OR	ON	2008/06/17 13:43
S78	2760	S76 and S77	US-PGPUB; USPAT	OR	ON	2008/06/17 13:44
S79	447	S78 and (coat\$4 with (ink dye colorant))	US-PGPUB; USPAT	OR	ON	2008/06/17 13:45
S80	11	S75 and S79	US-PGPUB; USPAT	OR	ON	2008/06/17 13:45
S81	3601	428/212.ccls.	US-PGPUB; USPAT	OR	ON	2008/06/17 13:48
S82	65845	(light "visible light") with absorb\$4 with (film sheet layer material)	US-PGPUB; USPAT	OR	ON	2008/06/17 13:48
S83	34503	S82 and (ink dye colorant pigment)	US-PGPUB; USPAT	OR	ON	2008/06/17 13:48
S84	213	S81 and S83	US-PGPUB; USPAT	OR	ON	2008/06/17 13:48
S85	3501622	@ad<"20010821"	US-PGPUB; USPAT	OR	ON	2008/06/17 13:48
S86	103	S84 and S85	US-PGPUB; USPAT	OR	ON	2008/06/17 13:48
S88	90685	masaaki	JPO	OR	ON	2008/06/23 11:36
S89	149	masaaki.in. and transparent.ti.	JPO	OR	ON	2008/06/23 11:36
S90	49	masaaki.in. and ("transparent conductive film").ti.	JPO	OR	ON	2008/06/23 11:37
S91	1	"10182190"	JPO	OR	ON	2008/06/23 11:38
S92	1	"2000238170"	JPO	OR	ON	2008/06/23 12:10
S93	1	"10/524,417"	US-PGPUB; USPAT	OR	ON	2009/02/27 09:50
S94	56	TAKEDA-HIROMITSU.in.	US-PGPUB; USPAT	OR	ON	2009/02/27 09:50
S95	4	YABUKI-KAYO.in.	US-PGPUB; USPAT	OR	ON	2009/02/27 09:50
S96	164	heat with ray with reflect \$3 with type	US-PGPUB; USPAT	OR	ON	2009/02/27 09:54
S97	2	heat adj ray adj (reflection reflecting) adj type	US-PGPUB; USPAT	OR	ON	2009/02/27 09:54
S98	26	S96 and (solar "solar radiation" sunlight) with (reflecting control) with (film sheet substrate)	US-PGPUB; USPAT	OR	ON	2009/02/27 09:56

S99	21	S96 and (((visible near3 light) light sunlight) with absorb\$4 with (film sheet layer ink))	US-PGPUB; USPAT	OR	ON	2009/02/27 10:02
S100	18	((heat adj ray) infrared (infrared adj ray)) adj (reflection reflecting) adj type	US-PGPUB; USPAT	OR	ON	2009/02/27 11:26
S101	34	((heat adj ray) infrared (infrared adj ray)) adj reflect\$3 adj type	US-PGPUB; USPAT	OR	ON	2009/02/27 11:28
S102	28131	(light "visible light") near3 absorb\$4 near3 (ink dye material)	US-PGPUB; USPAT	OR	ON	2009/02/27 11:30
S103	11063	(light "visible light") near3 absorb\$4 near3 (ink dye)	US-PGPUB; USPAT	OR	ON	2009/02/27 11:31
S104	8437	S103 and (azo perylene aniline carbon titanium)	US-PGPUB; USPAT	OR	ON	2009/02/27 11:32
S105	8437	S103 and (azo (perylene perilene) aniline carbon titanium)	US-PGPUB; USPAT	OR	ON	2009/02/27 11:32
S106	3122	S104 and (particle adj (size diameter))	US-PGPUB; USPAT	OR	ON	2009/02/27 11:33
S107	4648	S103 and ((azo near2 dark) ((perylene aniline carbon) near2 black) titanium)	US-PGPUB; USPAT	OR	ON	2009/02/27 11:34
S108	2317	S107 and (particle adj (size diameter))	US-PGPUB; USPAT	OR	ON	2009/02/27 11:34
S109	686	S103 and (((azo near2 dark) ((perylene aniline carbon) near2 black) titanium) same (particle adj (size diameter)))	US-PGPUB; USPAT	OR	ON	2009/02/27 11:36
S110	237	S103 and (((azo near2 dark) ((perylene aniline carbon) near2 black) titanium) same ((particle adj (size diameter)) with ("nm" nanometer)))	US-PGPUB; USPAT	OR	ON	2009/02/27 11:37
S111	72	S103 and (((azo near2 dark) ((perylene aniline carbon) near2 black) (titanium near2 (black nitride oxynitride))) same ((particle adj (size diameter)) with ("nm" nanometer)))	US-PGPUB; USPAT	OR	ON	2009/02/27 11:41
S112	15092	((light (visible near3 light)) near5 absorb\$4) near5 (ink dye)	US-PGPUB; USPAT	OR	ON	2009/02/27 12:16

S113	116	S112 and (((azo near3 dark) ((perylene aniline carbon) near3 black (titanium near3 (black nitride oxynitride)))) same ((particle adj (size diameter)) with ("nm" nanometer)))	US-PGPUB; USPAT	OR	ON	2009/02/27 12:17
S114	1074	106/31.6.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/27 12:18
S115	1997	523/160-161.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/27 12:18
S116	2915	S114 S115	US-PGPUB; USPAT	OR	ON	2009/02/27 12:18
S117	2	S113 and S116	US-PGPUB; USPAT	OR	ON	2009/02/27 12:18
S118	3330	S112 and ((azo near3 dark) ((perylene aniline carbon) near3 black (titanium near3 (black nitride oxynitride))))	US-PGPUB; USPAT	OR	ON	2009/02/27 12:20
S119	41	S118 and S116	US-PGPUB; USPAT	OR	ON	2009/02/27 12:20
S120	1	"20020033117".pn.	US-PGPUB; USPAT	OR	ON	2009/02/27 12:27
S121	29	S119 and (particle near3 (size diameter))	US-PGPUB; USPAT	OR	ON	2009/02/27 12:38
S122	2	("4382995" "5030503").pn.	US-PGPUB; USPAT	OR	ON	2009/02/27 12:51
S123	1	S122 and (black carbon)	US-PGPUB; USPAT	OR	ON	2009/02/27 12:51

EAST Search History (Interference)

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